

Power BI Visualizations & Reports

Monti Kr Raj

Common Visuals

- ▶ Bar/Line Charts → Show comparisons or trends over time.
- ▶ Tables → Display raw data in rows and columns.
- ▶ Matrix → Like pivot tables in Excel, supports drill-down.
- ▶ Cards → Show single KPI values.
- ▶ Maps → Show data by geography.

Advanced Visuals

- ▶ Gauge → Displays performance against a target.
- ▶ Funnel → Shows stages in a process.
- ▶ Waterfall → Explains how values add/subtract step by step.
- ▶ Scatter Chart → Shows relation between two numeric values.
- ▶ Decomposition Tree → Breaks down a measure into categories step by step.

Conditional Formatting

- ▶ Highlight values with colors, icons, or bars based on rules.
- ▶ Example: Sales $> ₹1,00,000$ = Green, $< ₹50,000$ = Red.

Drill Features

- ▶ Drill Down → Click on a chart to go deeper into hierarchy.
- ▶ Drill Through → Right-click on a data point to open a detailed page.
- ▶ Hierarchies → Organize data levels like Country → State → City.

Bookmarks & Selection Pane

- ▶ Bookmarks → Save the current state of a report (filters, visuals, selections).
- ▶ Selection Pane → Show/hide visuals, arrange layers like PowerPoint.

Tooltips

- ▶ Default Tooltip → Hover on a chart, shows details.
- ▶ Custom Tooltip → Mini-report page that appears when hovering (like Sales breakdown by Category).